

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-22 (Canceled).

Claim 23 (Currently Amended): A bitstream data processing apparatus coupled with at least one recording unit and one or more peripheral devices, said apparatus comprising:

a receiver configured to receive encoded bitstream data to provide received encoded bitstream data;

a decoder configured to decode the received encoded bitstream data to provide one or more decoded signals supplied to the one or more peripheral devices;

a sending/receiving unit configured to send the received encoded bitstream data to the recording unit to be recorded by the recording unit using a medium configured to adopt a data filing scheme having a directory which includes a data file of bitstream information and another file of a real-time video recording object, and to receive recorded encoded bitstream data from the recording unit; [[and]]

a router configured to selectively route one of the received encoded bitstream data from said receiver and the recorded encoded bitstream data from said sending/receiving unit to said decoder[, ,]; and

a control unit configured to generate a time relation table in order to record information of the generated time relation table in said medium,

wherein the one of the received encoded bitstream data and the recorded encoded bitstream data supplied to said decoder passes through said router so that the one of the received encoded bitstream data and the recorded encoded bitstream data supplied to said decoder is always under control of said router.

Claim 24 (Previously Presented): An apparatus according to claim 23, wherein said router includes

a controller configured to provide an instruction to control said router; and
a selector configured to send the one of the received encoded bitstream data and the recorded encoded bitstream data including only data packets of a specific program to one of said decoder and said recording unit in accordance with the instruction from said controller.

Claim 25 (Previously Presented): A bitstream data recording/reproducing apparatus which uses an information storage medium having a data area and a management area, said apparatus comprising:

a data processing unit configured to provide bitstream data based on a first reference clock;
a drive unit configured to record the provided bitstream data in the data area of said information storage medium based on a second reference clock and to reproduce recorded bitstream data from the information storage medium;
a synchronizer configured to synchronize the first reference clock with the second reference clock;
a generator configured to generate a time relation table relating to the first and second reference clocks; and
a recorder configured to record the time relation table in the management area of said information storage medium.

Claim 26 (Canceled).

Claim 27 (Previously Presented): A method for recording bitstream data using an information storage medium having a data area and a management area, said method comprising:

providing the bitstream data based on a first reference clock;
recording the provided bitstream data in the data area of said information storage medium based on a second reference clock;
synchronizing the first reference clock with the second reference clock;
generating a time relation table relating to the first and second reference clocks; and
recording the time relation table in the management area of said information storage medium.

Claim 28 (Canceled).

Claim 29 (Previously Presented): An information storage medium configured to store the bitstream data and the time relation table in accordance with the method of claim 27.

Claim 30 (Previously Presented): The apparatus of claim 25, wherein said medium is configured to adopt a data filing scheme having a directory which includes a data file of bitstream information and another data file of a real-time video recording object.

Claim 31 (Previously Presented): The method of claim 27, wherein said medium is configured to adopt a data filing scheme having a directory which includes a data file of bitstream information and another data file of a real-time video recording object.

Claim 32 (New): The apparatus of claim 23, wherein said one or more peripheral devices includes a player comprising:

a first reader configured to read said time relation table; and

a second reader configured to read time map information corresponding to a playback start position of said encoded bitstream data.